THE

JOURNAL

OF THE

RUBBER RESEARCH INSTITUTE

OF

MALAYA

1952-6

Volume 14 Communications 277-300

Correct abbreviation for citing references, according to the World List of Scientific Periodicals:

J. Rubb. Res. Inst. Malaya

Bibliographical note—Before page 20 is reached, several un-numbered pages appear in the first two issues of this volume (Communications 277, 278). The un-numbered page immediately preceding page 121 (Communication 283) may be removed on binding. The volume ends with page 584.

CONTENTS

	Communication	Page
Report on Technical Classification of Natural Rubber in Malaya ..	277	1
A Hitherto Undescribed Leaf Disease of Hevea Rubber Caused by a Species of *Colletotrichum*, *K.P. John* ..	278	11
Mooney Viscosity Changes in Freshly-Prepared Raw Natural Rubber, *R.I. Wood* ..	279	20
Bird's Eye Spot Leaf Disease of the Hevea Rubber Tree Caused by *Helminthosporium Heveae* Petch, *R.N. Hilton* ..	280	40
Determination of Volatile Fatty Acids in Natural Rubber Latex, *M.W. Philpott and K.C. Sekar* ..	281	93
Determination of Available Nutrients in Malayan Soils, *G. Owen* ..	282	109
Studies on the Phosphate Problem in Malayan Soils, *G. Owen* ..	283	121
Stability and Mineral Composition of Hevea Latex, *M.W. Philpott and D.R. Westgarth* ..	284	133
Factors Affecting the Measurement of Strain, *L.L. Best* ..	285	149
Fractions from *Hevea Brasiliensis* Latex Centrifuged at 59,000g, *A.S. Cook and B.C. Sekhar*	286	163
Phosphatides of Hevea Latex, *R.H. Smith* ..	287	169
Uses of 2, 4, 5-T on Hevea: Preliminary Note	288	179
Nutrition of *Hevea Brasiliensis*		
I. Experimental methods, *E.W. Bolle-Jones* ..	289	183
II. Effect of nutrient deficiencies on growth, chlorophyll, rubber and mineral contents of Tjirandji 1 seedlings, *E.W. Bolle-Jones* ..	290	209
III. The interrelationships of magnesium, potassium and phosphorus, *E.W. Bolle-Jones* ..	291	231
IV. Interclonal and seasonal variation in composition of leaves, *E.W. Bolle-Jones and K. Ratnasingam* ..	292	257

	Communication	Page
South American Leaf Blight: A Review of the Literature Relating to its Depredations in South America, its Threat to the Far East, and the Methods Available for Control, *R.N. Hilton* ..	293	287
Stimulation of Yield in *Hevea Brasiliensis*		
I. Prewar experiments with vegetable oils, *E.D.C. Baptist* ..	294	355
II. Effect of synthetic growth substances on yield and on bark renewal, *E.D.C. Baptist and P. de Jonge* ..	295	362
III. Further observations on the effects of yield stimulants, *P. de Jonge* ..	296	383
Volatile Acids and the Quality of Concentrated Natural Latex, *A.S. Cook and K.C. Sekar*	297	407
Importation and Development of New Strains of *Hevea Brasiliensis* by the Rubber Research Institute of Malaya, *C.W. Brookson* ..	298	423
Coal Tar Fungicides for the Control of Mouldy Rot ..	299	449
I. Testing of coal tar fungicides for the control of mouldy rot, *F.W. Hutchison*		451
II. The fungicidal properties of coal tar distillates:		
(i) Investigation of the fungicidal efficiencies of components of coal tar distillates, *G.V. Coles, R.J.W. Byrde*		459
(ii) Development of a method for coal tar fungicide analysis and a comparison between the chemical analysis of proprietary materials and their biological performance in the field, *G.V. Coles, J.T. Martin, R.J.W. Byrde*		472
III. The analysis of coal tar fungicides, *G.V. Coles*		482
Visual Symptoms of Mineral Deficiencies of *Hevea Brasiliensis, E.W. Bolle-Jones* ..	300	493